

OPTICAL MODULE WITH LENS INTEGRAL HOLDER  
FABRICATION METHOD

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ABSTRACT

A method of forming an optical module includes mounting an image sensor to a base of a substrate and bonding a lens housing to a sidewall of the  
10 substrate. A mounting surface of the lens housing includes a locking feature having a horizontal surface and a vertical surface. The sidewall of the substrate includes a joint surface. To bond the lens housing to the sidewall of the substrate, a  
15 bond is formed between the horizontal surface of the locking feature of the lens housing and the joint surface of the sidewall. Further, a bond is formed between the vertical surface of the locking feature of the lens housing and an interior surface of the  
20 sidewall.